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# CEMon v. 1.15.1 SL6 - Testing report: IGIRTC-134

## Summary

- Product: **CEMon v. 1.15.1**
- Release Task: Task #34038
- ETICS Subsystem Configuration Name:
- VCS Tag:
- EMI Major Release: **EMI 3 (Monte Bianco)**
- Platform: **SL6/x86\_64**
- Author: IGI RTC
- Testing report: Testing Report file
- Certification report: Certification Report file
- Outcome: "Certified"

## Deployment tests

### Clean Installation

- on cream LSF, SL6 log

```
# grep USE_CEMON services/glite-creamce
USE_CEMON=true
```

### Upgrade Installation

## Unit Tests

NA

## System tests

### Functionality tests

#### Resource BDII glue1 test - PASSED

```
$ ldapsearch -h cert-41.pd.infn.it -x -p 2170 -b "o=grid" "objectclass=GlueService" |grep -i cemo
[...]
# cert-41.pd.infn.it_org.glite.ce.Monitor_1031719187, resource, grid
dn: GlueServiceUniqueID=cert-41.pd.infn.it_org.glite.ce.Monitor_1031719187,Mds
  -Vo-name=resource,o=grid
GlueServiceAccessControlBaseRule: VO:dteam
GlueServiceStatus: OK
GlueServiceStatusInfo: tomcat6 is running...[ OK ]
objectClass: GlueTop
objectClass: GlueService
objectClass: GlueKey
objectClass: GlueSchemaVersion
GlueServiceUniqueID: cert-41.pd.infn.it_org.glite.ce.Monitor_1031719187
GlueServiceAccessControlRule: dteam
GlueServiceStartTime: 1970-01-01T01:00:00+01:00
GlueServiceEndpoint: https://cert-41.pd.infn.it:8443/ce-monitor/services
GlueServiceVersion: 1.15.1
GlueSchemaVersionMinor: 3
GlueServiceName: CreamTest-Monitor
```

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GlueServiceType: org.glite.ce.Monitor  
GlueServiceWSDL: http://grid.pd.infn.it/cemon/wsd/org.glite.ce-mon\_service.wsd  
GlueServiceSemantics: http://wiki.italiangrid.org/twiki/bin/view/CEMon/FunctionalDescription  
GlueForeignKey: GlueSiteUniqueID=CreamTest  
GlueServiceOwner: dteam  
GlueSchemaVersionMajor: 1  
[...]

### Resource BDII glue 2 test - PASSED

```
$ ldapsearch -h cert-41.pd.infn.it -x -p 2170 -b "o=glue" "objectclass=Glue2Endpoint"
[...]
# cert-41.pd.infn.it_ComputingElement_org.glite.ce.Monitor_948522355, cert-41
.pd.infn.it_ComputingElement, resource, glue
dn: GLUE2EndpointID=cert-41.pd.infn.it_ComputingElement_org.glite.ce.Monitor_9
48522355, GLUE2ServiceID=cert-41.pd.infn.it_ComputingElement, GLUE2GroupID=reso
urce,o=glue
GLUE2EntityValidity: 3600
GLUE2EndpointQualityLevel: production
GLUE2EndpointImplementor: gLite
GLUE2EndpointHealthStateInfo: tomcat6 is running...[ OK ]
GLUE2EntityOtherInfo: InfoProviderName=glite-info-glue2-endpoint
GLUE2EntityOtherInfo: InfoProviderVersion=1.4
GLUE2EntityOtherInfo: InfoProviderHost=cert-41.pd.infn.it
GLUE2EntityOtherInfo: ProfileName=EGI
GLUE2EntityOtherInfo: ProfileVersion=1.0
GLUE2EntityOtherInfo: OSName=Scientific
GLUE2EntityOtherInfo: OSVersion=6.3
GLUE2EntityOtherInfo: MiddlewareName=EMI
GLUE2EntityOtherInfo: MiddlewareVersion=3.0.0-1
GLUE2EntityOtherInfo: HostDN=/C=IT/O=INFN/OU=Host/L=Padova/CN=cert-41.pd.infn.
it
GLUE2EndpointCapability: information.monitoring
GLUE2EndpointHealthState: ok
GLUE2EndpointServiceForeignKey: cert-41.pd.infn.it_ComputingElement
GLUE2EntityName: Monitor endpoint for Service cert-41.pd.infn.it_ComputingElem
ent
GLUE2EndpointTechnology: webservice
GLUE2EndpointWSDL: https://cert-41.pd.infn.it:8443/ce-monitor/services/CEMonit
or?wsdl
GLUE2EndpointInterfaceName: org.glite.ce.Monitor
GLUE2EndpointURL: https://cert-41.pd.infn.it:8443/ce-monitor/services
GLUE2EndpointDowntimeInfo: See the GOC DB for downtimes: https://goc.egi.eu/
GLUE2EndpointImplementationVersion: 1.15.1
GLUE2EndpointSemantics: http://wiki.italiangrid.org/twiki/bin/view/CEMon/Funct
ionalDescription
GLUE2EndpointIssuerCA: /C=IT/O=INFN/CN=INFN CA
GLUE2EndpointServingState: production
GLUE2EndpointImplementationName: CEMon
GLUE2EndpointInterfaceVersion: 1.0
objectClass: GLUE2Endpoint
objectClass: GLUE2ComputingEndpoint
GLUE2EndpointTrustedCA: IGTF
GLUE2EndpointID: cert-41.pd.infn.it_ComputingElement_org.glite.ce.Monitor_9485
22355
GLUE2EntityCreationTime: 2013-03-26T21:09:20Z
GLUE2EndpointWSDL: https://cert-41.pd.infn.it:8443/ce-monitor/services/CEMonit
GLUE2EndpointSemantics: http://wiki.italiangrid.org/twiki/bin/view/CEMon/Funct
GLUE2EndpointImplementationName: CEMon
[...]
```

**GetInfo test - PASSED**

Verified that the getinfo operation works and returns information about the service.

- GJAF

```
$ glite-ce-monitor-getinfo --cert /tmp/x509up_u3812 --key /tmp/x509up_u3812 https://cert-4
Description=[cemonitor service]
Version      =[1.0]
HostDN       =[CN=cert-41.pd.infn.it,L=Padova,OU=Host,O=INFN,C=IT]
Topic [CE_MONITOR]
  Dialect [ISM_CLASSAD_GLUE_1.2]
    queryLanguage [RegEx]
    queryLanguage [ClassAd]
  Dialect [ISM_CLASSAD]
    queryLanguage [RegEx]
    queryLanguage [ClassAd]
  Dialect [ISM_LDIF_GLUE_1.2]
    queryLanguage [RegEx]
    queryLanguage [ClassAd]
  Dialect [ISM_LDIF]
    queryLanguage [RegEx]
    queryLanguage [ClassAd]
Action [SendExpiredNotification::]
Action [DoNotSendNotification::]
Action [SendNotification::]
```

- ARGUS

**GetTopics test - PASSED**

Verified that the gettopics operation works and returns the list of installed topics.

- GJAF

```
$ glite-ce-monitor-gettopics --cert /tmp/x509up_u3812 --key /tmp/x509up_u3812 https://cert-4
Topic [CE_MONITOR]
  Dialect [ISM_CLASSAD_GLUE_1.2]
    queryLanguage [RegEx]
    queryLanguage [ClassAd]
  Dialect [ISM_CLASSAD]
    queryLanguage [RegEx]
    queryLanguage [ClassAd]
  Dialect [ISM_LDIF_GLUE_1.2]
    queryLanguage [RegEx]
    queryLanguage [ClassAd]
  Dialect [ISM_LDIF]
    queryLanguage [RegEx]
    queryLanguage [ClassAd]
```

- ARGUS

**GetEvent test - PASSED**

- create the provider specified for the CE\_MONITOR sensor, specified in the /etc/glite-ce-monitor/cemonitor-config.xml

```
<property name="scriptURI" value="/usr/libexec/glite-ce-info" />
```

- create the file glite-ce-info:

```
$ cat /usr/libexec/glite-ce-info
#!/bin/sh
  ldapsearch -h cert-41.pd.infn.it -x -p 2170 -b "o=grid"
$ chmod +x /usr/libexec/glite-ce-info
```

Verified that the getevent operation works and return info for the specified topic in the specified dialect

- GJAF

```
$ glite-ce-monitor-getevent --cert /tmp/x509up_u3812 --key /tmp/x509up_u3812 --topic CE_MONITOR
cert=/tmp/x509up_u3812 - key=/tmp/x509up_u3812
```

**Command LOG**  **Hide Command LOG** 

```
$ glite-ce-monitor-getevent --cert /tmp/x509up_u3812 --key /tmp/x509up_u3812 --topic CE_MONITOR
cert=/tmp/x509up_u3812 - key=/tmp/x509up_u3812
```

Event [0]:

```
Message[0]=[[
  GlueCEInfoApplicationDir = "/opt/exp_soft";
  GlueHostProcessorModel = "XEON";
  GlueCEName = "cert";
  GlueCEHostingCluster = "cert-41.pd.infn.it";
  GlueCEPolicyPriority = -100;
  GlueHostProcessorVendor = "Intel";
  GlueHostProcessorClockSpeed = 2800;
  GlueCEStateFreeJobSlots = 216;
  GlueSubClusterPhysicalCPUs = 2;
  GlueCEStateEstimatedResponseTime = 2146660842;
  GlueHostNetworkAdapterInboundIP = false;
  GlueCEInfoDefaultSE = "prod-se-01.pd.infn.it";
  GlueSubClusterWNTmpDir = "/tmp";
  GlueCEStateStatus = "Production";
  GlueCEInfoHostName = "cert-41.pd.infn.it";
  GlueCEInfoContactString = "https://cert-41.pd.infn.it:8443/ce-cream/services";
  GlueCEStateTotalJobs = 0;
  GlueCESEBindGroupCEUniqueID = "cert-41.pd.infn.it:8443/cream-lsf-cert";
  GlueInformationServiceURL = {
    "ldap://cert-41.pd.infn.it:2170/mds-vo-name=resource",
    "ldap://cert-41.pd.infn.it:2170/mds-vo-name=resource",
    "ldap://cert-41.pd.infn.it:2170/mds-vo-name=resource"
  };
  GlueCEAccessControlBaseRule = {
    "VOMS:/dteam/Role=pilot",
    "VO:dteam",
    "VOMS:/dteam/Role=lcgadmin",
    "VOMS:/dteam/Role=production"
  };
  GlueHostOperatingSystemVersion = "Beryllium";
  GlueCEStateWaitingJobs = 0;
  GlueClusterService = {
    "cert-41.pd.infn.it:8443/cream-lsf-creamtest1",
    "cert-41.pd.infn.it:8443/cream-lsf-creamtest2",
    "cert-41.pd.infn.it:8443/cream-lsf-cert"
  };
];
```

GetEvent test - PASSED

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```

GlueCEPolicyMaxRunningJobs = 200;
GlueCEInfoGatekeeperPort = 8443;
GlueCEPolicyPreemption = 0;
GlueCEPolicyMaxTotalJobs = 2147483647;
GlueCEInfoLRMSVersion = "7 Update 6";
GlueClusterUniqueID = "cert-41.pd.infn.it";
GlueCEInfoTotalCPUs = 216;
GlueClusterName = "cert-41.pd.infn.it";
GlueCESEBindGroupSEUniqueID = "prod-se-01.pd.infn.it";
GlueHostBenchmarkSI00 = 1286;
GlueChunkKey = "GlueClusterUniqueID=cert-41.pd.infn.it";
GlueCEInfoLRMSType = "lsf";
GlueCEStateFreeCPUs = 0;
GlueCEPolicyMaxSlotsPerJob = 72;
GlueCEStateWorstResponseTime = 2146660842;
GlueHostNetworkAdapterOutboundIP = true;
GlueCEPolicyMaxWallClockTime = 999999999;
GlueSubClusterName = "cert-41.pd.infn.it";
GlueCEImplementationName = "CREAM";
GlueHostMainMemoryVirtualSize = 4096;
GlueHostArchitectureSMPSize = 2;
GlueHostApplicationSoftwareRunTimeEnvironment = {
    "LCG-2",
    "LCG-2_1_0",
    "LCG-2_1_1",
    "LCG-2_2_0",
    "LCG-2_3_0",
    "LCG-2_3_1",
    "LCG-2_4_0",
    "LCG-2_5_0",
    "LCG-2_6_0",
    "LCG-2_7_0",
    "GLITE-3_0_0",
    "GLITE-3_1_0",
    "R-GMA",
    "PADOVA",
    "SI00MeanPerCPU_870",
    "SF00MeanPerCPU_790",
    "MPICH",
    "MPI_HOME_NOTSHARED"
};
GlueCEPolicyMaxWaitingJobs = 2147483647;
GlueCECapability = "CPUScalingReferenceSI00=10";
GlueHostArchitecturePlatformType = "itanium";
GlueCEImplementationVersion = "1.15.1";
GlueHostMainMemoryRAMSize = 2048;
GlueSubClusterLogicalCPUs = 2;
GlueForeignKey = {
    "GlueClusterUniqueID=cert-41.pd.infn.it",
    "GlueSiteUniqueID=CreamTest",
    "GlueCEUniqueID=cert-41.pd.infn.it:8443/cream-lsf-creamtest1",
    "GlueCEUniqueID=cert-41.pd.infn.it:8443/cream-lsf-creamtest2",
    "GlueCEUniqueID=cert-41.pd.infn.it:8443/cream-lsf-cert"
};
GlueCEInfoJobManager = "lsf";
GlueHostBenchmarkSF00 = 1496;
GlueHostProcessorOtherDescription = "Cores=9.75,Benchmark=9.04-HEP-SPEC06";
GlueHostOperatingSystemRelease = 4.6;
GlueCEPolicyMaxObtainableCPUTime = 999999999;
GlueCEUniqueID = "cert-41.pd.infn.it:8443/cream-lsf-cert";
GlueCEPolicyAssignedJobSlots = 216;
GlueCEInfoDataDir = "unset";
GlueCEPolicyMaxCPUTime = 999999999;
GlueHostOperatingSystemName = "ScientificCERNSLC";
GlueCEStateRunningJobs = 0;
GlueSubClusterUniqueID = "cert-41.pd.infn.it";
GlueSubClusterTmpDir = "/tmp";

```

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```

GlueCEPolicyMaxObtainableWallClockTime = 999999999;
CloseStorageElements = {
  [
    GlueCESEBindSEUniqueID = "prod-se-01.pd.infn.it";
    GlueCESEBindCEAccesspoint = "n.a";
    GlueCESEBindMountInfo = "n.a";
    GlueCESEBindWeight = 0;
    GlueCESEBindCEUniqueID = "cert-41.pd.infn.it:8443/cream-lsf-cert";
    name = GlueCESEBindSEUniqueID;
    mount = GlueCESEBindCEAccesspoint
  ]
};

]]
Message[1]=[[
GlueCEInfoApplicationDir = "/opt/exp_soft";
GlueHostProcessorModel = "XEON";
GlueCEName = "creamtest1";
GlueCEHostingCluster = "cert-41.pd.infn.it";
GlueCEPolicyPriority = -100;
GlueHostProcessorVendor = "Intel";
GlueHostProcessorClockSpeed = 2800;
GlueCEStateFreeJobSlots = 216;
GlueSubClusterPhysicalCPUs = 2;
GlueCEStateEstimatedResponseTime = 2146660842;
GlueHostNetworkAdapterInboundIP = false;
GlueCEInfoDefaultSE = "prod-se-01.pd.infn.it";
GlueSubClusterWNTmpDir = "/tmp";
GlueCEStateStatus = "Production";
GlueCEInfoHostName = "cert-41.pd.infn.it";
GlueCEInfoContactString = "https://cert-41.pd.infn.it:8443/ce-cream/services";
GlueCEStateTotalJobs = 0;
GlueCESEBindGroupCEUniqueID = "cert-41.pd.infn.it:8443/cream-lsf-creamtest1";
GlueInformationServiceURL = {
  "ldap://cert-41.pd.infn.it:2170/mds-vo-name=resource",
  "ldap://cert-41.pd.infn.it:2170/mds-vo-name=resource",
  "ldap://cert-41.pd.infn.it:2170/mds-vo-name=resource"
};
GlueCEAccessControlBaseRule = {
  "VO:dteam"
};
GlueHostOperatingSystemVersion = "Beryllium";
GlueCEStateWaitingJobs = 0;
GlueClusterService = {
  "cert-41.pd.infn.it:8443/cream-lsf-creamtest1",
  "cert-41.pd.infn.it:8443/cream-lsf-creamtest2",
  "cert-41.pd.infn.it:8443/cream-lsf-cert"
};
GlueCEPolicyMaxRunningJobs = 200;
GlueCEInfoGatekeeperPort = 8443;
GlueCEPolicyPreemption = 0;
GlueCEPolicyMaxTotalJobs = 2147483647;
GlueCEInfoLRMSVersion = "7 Update 6";
GlueClusterUniqueID = "cert-41.pd.infn.it";
GlueCEInfoTotalCPUs = 216;
GlueClusterName = "cert-41.pd.infn.it";
GlueCESEBindGroupSEUniqueID = "prod-se-01.pd.infn.it";
GlueHostBenchmarkSI00 = 1286;
GlueChunkKey = "GlueClusterUniqueID=cert-41.pd.infn.it";
GlueCEInfoLRMSType = "lsf";
GlueCEStateFreeCPUs = 0;
GlueCEPolicyMaxSlotsPerJob = 72;
GlueCEStateWorstResponseTime = 2146660842;
GlueHostNetworkAdapterOutboundIP = true;
GlueCEPolicyMaxWallClockTime = 999999999;
GlueSubClusterName = "cert-41.pd.infn.it";
GlueCEImplementationName = "CREAM";
GlueHostMainMemoryVirtualSize = 4096;

```

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```

GlueHostArchitectureSMPSize = 2;
GlueHostApplicationSoftwareRunTimeEnvironment = {
    "LCG-2",
    "LCG-2_1_0",
    "LCG-2_1_1",
    "LCG-2_2_0",
    "LCG-2_3_0",
    "LCG-2_3_1",
    "LCG-2_4_0",
    "LCG-2_5_0",
    "LCG-2_6_0",
    "LCG-2_7_0",
    "GLITE-3_0_0",
    "GLITE-3_1_0",
    "R-GMA",
    "PADOVA",
    "SI00MeanPerCPU_870",
    "SF00MeanPerCPU_790",
    "MPICH",
    "MPI_HOME_NOTSHARED"
};
GlueCEPolicyMaxWaitingJobs = 2147483647;
GlueCECapability = "CPUScalingReferenceSI00=10";
GlueHostArchitecturePlatformType = "itanium";
GlueCEImplementationVersion = "1.15.1";
GlueHostMainMemoryRAMSize = 2048;
GlueSubClusterLogicalCPUs = 2;
GlueForeignKey = {
    "GlueClusterUniqueID=cert-41.pd.infn.it",
    "GlueSiteUniqueID=CreamTest",
    "GlueCEUniqueID=cert-41.pd.infn.it:8443/cream-lsf-creamtest1",
    "GlueCEUniqueID=cert-41.pd.infn.it:8443/cream-lsf-creamtest2",
    "GlueCEUniqueID=cert-41.pd.infn.it:8443/cream-lsf-cert"
};
GlueCEInfoJobManager = "lsf";
GlueHostBenchmarkSF00 = 1496;
GlueHostProcessorOtherDescription = "Cores=9.75,Benchmark=9.04-HEP-SPEC06";
GlueHostOperatingSystemRelease = 4.6;
GlueCEPolicyMaxObtainableCPUTime = 999999999;
GlueCEUniqueID = "cert-41.pd.infn.it:8443/cream-lsf-creamtest1";
GlueCEPolicyAssignedJobSlots = 216;
GlueCEInfoDataDir = "unset";
GlueCEPolicyMaxCPUTime = 999999999;
GlueHostOperatingSystemName = "ScientificCERNSLC";
GlueCEStateRunningJobs = 0;
GlueSubClusterUniqueID = "cert-41.pd.infn.it";
GlueSubClusterTmpDir = "/tmp";
GlueCEPolicyMaxObtainableWallClockTime = 999999999;
CloseStorageElements = {
    [
        GlueCESEBindSEUniqueID = "prod-se-01.pd.infn.it";
        GlueCESEBindCEAccesspoint = "n.a";
        GlueCESEBindMountInfo = "n.a";
        GlueCESEBindWeight = 0;
        GlueCESEBindCEUniqueID = "cert-41.pd.infn.it:8443/cream-lsf-creamtest1";
        name = GlueCESEBindSEUniqueID;
        mount = GlueCESEBindCEAccesspoint
    ]
};
]]
Message[2]=[[
GlueCEInfoApplicationDir = "/opt/exp_soft";
GlueHostProcessorModel = "XEON";
GlueCEName = "creamtest2";
GlueCEHostingCluster = "cert-41.pd.infn.it";
GlueCEPolicyPriority = -100;
GlueHostProcessorVendor = "Intel";

```



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```

GlueHostProcessorClockSpeed = 2800;
GlueCEStateFreeJobSlots = 216;
GlueSubClusterPhysicalCPUs = 2;
GlueCEStateEstimatedResponseTime = 2146660842;
GlueHostNetworkAdapterInboundIP = false;
GlueCEInfoDefaultSE = "prod-se-01.pd.infn.it";
GlueSubClusterWNTmpDir = "/tmp";
GlueCEStateStatus = "Production";
GlueCEInfoHostName = "cert-41.pd.infn.it";
GlueCEInfoContactString = "https://cert-41.pd.infn.it:8443/ce-cream/services";
GlueCEStateTotalJobs = 0;
GlueCESEBindGroupCEUniqueID = "cert-41.pd.infn.it:8443/cream-lsf-creamtest2";
GlueInformationServiceURL = {
    "ldap://cert-41.pd.infn.it:2170/mds-vo-name=resource",
    "ldap://cert-41.pd.infn.it:2170/mds-vo-name=resource",
    "ldap://cert-41.pd.infn.it:2170/mds-vo-name=resource"
};
GlueCEAccessControlBaseRule = {
    "VO:dteam"
};
GlueHostOperatingSystemVersion = "Beryllium";
GlueCEStateWaitingJobs = 0;
GlueClusterService = {
    "cert-41.pd.infn.it:8443/cream-lsf-creamtest1",
    "cert-41.pd.infn.it:8443/cream-lsf-creamtest2",
    "cert-41.pd.infn.it:8443/cream-lsf-cert"
};
GlueCEPolicyMaxRunningJobs = 200;
GlueCEInfoGatekeeperPort = 8443;
GlueCEPolicyPreemption = 0;
GlueCEPolicyMaxTotalJobs = 2147483647;
GlueCEInfoLRMSVersion = "7 Update 6";
GlueClusterUniqueID = "cert-41.pd.infn.it";
GlueCEInfoTotalCPUs = 216;
GlueClusterName = "cert-41.pd.infn.it";
GlueCESEBindGroupSEUniqueID = "prod-se-01.pd.infn.it";
GlueHostBenchmarkSI00 = 1286;
GlueChunkKey = "GlueClusterUniqueID=cert-41.pd.infn.it";
GlueCEInfoLRMSType = "lsf";
GlueCEStateFreeCPUs = 0;
GlueCEPolicyMaxSlotsPerJob = 72;
GlueCEStateWorstResponseTime = 2146660842;
GlueHostNetworkAdapterOutboundIP = true;
GlueCEPolicyMaxWallClockTime = 999999999;
GlueSubClusterName = "cert-41.pd.infn.it";
GlueCEImplementationName = "CREAM";
GlueHostMainMemoryVirtualSize = 4096;
GlueHostArchitectureSMPSize = 2;
GlueHostApplicationSoftwareRunTimeEnvironment = {
    "LCG-2",
    "LCG-2_1_0",
    "LCG-2_1_1",
    "LCG-2_2_0",
    "LCG-2_3_0",
    "LCG-2_3_1",
    "LCG-2_4_0",
    "LCG-2_5_0",
    "LCG-2_6_0",
    "LCG-2_7_0",
    "GLITE-3_0_0",
    "GLITE-3_1_0",
    "R-GMA",
    "PADOVA",
    "SI00MeanPerCPU_870",
    "SF00MeanPerCPU_790",
    "MPICH",
    "MPI_HOME_NOTSHARED"
}

```

```

};
GlueCEPolicyMaxWaitingJobs = 2147483647;
GlueCECapability = "CPUScalingReferenceSI00=10";
GlueHostArchitecturePlatformType = "itanium";
GlueCEImplementationVersion = "1.15.1";
GlueHostMainMemoryRAMSize = 2048;
GlueSubClusterLogicalCPUs = 2;
GlueForeignKey = {
    "GlueClusterUniqueID=cert-41.pd.infn.it",
    "GlueSiteUniqueID=CreamTest",
    "GlueCEUniqueID=cert-41.pd.infn.it:8443/cream-lsf-creamtest1",
    "GlueCEUniqueID=cert-41.pd.infn.it:8443/cream-lsf-creamtest2",
    "GlueCEUniqueID=cert-41.pd.infn.it:8443/cream-lsf-cert"
};
GlueCEInfoJobManager = "lsf";
GlueHostBenchmarkSF00 = 1496;
GlueHostProcessorOtherDescription = "Cores=9.75,Benchmark=9.04-HEP-SPEC06";
GlueHostOperatingSystemRelease = 4.6;
GlueCEPolicyMaxObtainableCPUTime = 999999999;
GlueCEUniqueID = "cert-41.pd.infn.it:8443/cream-lsf-creamtest2";
GlueCEPolicyAssignedJobSlots = 216;
GlueCEInfoDataDir = "unset";
GlueCEPolicyMaxCPUTime = 999999999;
GlueHostOperatingSystemName = "ScientificCERNSLC";
GlueCEStateRunningJobs = 0;
GlueSubClusterUniqueID = "cert-41.pd.infn.it";
GlueSubClusterTmpDir = "/tmp";
GlueCEPolicyMaxObtainableWallClockTime = 999999999;
CloseStorageElements = {
    [
        GlueCESEBindSEUniqueID = "prod-se-01.pd.infn.it";
        GlueCESEBindCEAccesspoint = "n.a";
        GlueCESEBindMountInfo = "n.a";
        GlueCESEBindWeight = 0;
        GlueCESEBindCEUniqueID = "cert-41.pd.infn.it:8443/cream-lsf-creamtest2";
        name = GlueCESEBindSEUniqueID;
        mount = GlueCESEBindCEAccesspoint
    ]
};
]]

```

- ARGUS

## Subscription with authentication test - PASSED

Created a subscription towards an authenticated client:

```
$ glite-ce-monitor-subscribe --key /tmp/x509up_u3812 --cert /tmp/x509up_u3812 --topic CE_MONITOR
SubscriptionID=[uuid-1364335547489]
```

Started a consumer on that client and verified that the messages arrive:

```
$ glite-ce-monitor-consumer --cert /tmp/x509up_u3812 --key /tmp/x509up_u3812 9988
```

### Command LOG Hide Command LOG

```
$ glite-ce-monitor-consumer --cert /tmp/x509up_u3812 --key /tmp/x509up_u3812 9988
Socket connection successful on port 9988 master socket 3
Accepting connection ...
```

Subscription with authentication test - PASSED

```

tmp=
dest=:
error in getaddrinfo: : Success
Wed Mar 27 22:53:08 2013
- 1: accepted connection from IP= (UnresolvedHost)
Event Producer=CE Sensor
Event ID      =-1
Topic [CE_MONITOR]
  Dialect [ISM_CLASSAD_GLUE_1.2]
>>> Event #0 - Dumping messages:

Event #0 - Message #0
[
  GlueCEInfoApplicationDir = "/opt/exp_soft";
  GlueHostProcessorModel = "XEON";
  GlueCEName = "cert";
  GlueCEHostingCluster = "cert-41.pd.infn.it";
  GlueCEPolicyPriority = -100;
  GlueHostProcessorVendor = "Intel";
  GlueHostProcessorClockSpeed = 2800;
  GlueCEStateFreeJobSlots = 216;
  GlueSubClusterPhysicalCPUs = 2;
  GlueCEStateEstimatedResponseTime = 2146660842;
  GlueHostNetworkAdapterInboundIP = false;
  GlueCEInfoDefaultSE = "prod-se-01.pd.infn.it";
  GlueSubClusterWNTmpDir = "/tmp";
  GlueCEStateStatus = "Production";
  GlueCEInfoHostName = "cert-41.pd.infn.it";
  GlueCEInfoContactString = "https://cert-41.pd.infn.it:8443/ce-cream/services";
  GlueCEStateTotalJobs = 0;
  GlueCESEBindGroupCEUniqueID = "cert-41.pd.infn.it:8443/cream-lsf-cert";
  GlueInformationServiceURL = {
    "ldap://cert-41.pd.infn.it:2170/mds-vo-name=resource",
    "ldap://cert-41.pd.infn.it:2170/mds-vo-name=resource",
    "ldap://cert-41.pd.infn.it:2170/mds-vo-name=resource"
  };
  GlueCEAccessControlBaseRule = {
    "VOMS:/dteam/Role=pilot",
    "VO:dteam",
    "VOMS:/dteam/Role=lcgadmin",
    "VOMS:/dteam/Role=production"
  };
  GlueHostOperatingSystemVersion = "Beryllium";
  GlueCEStateWaitingJobs = 0;
  GlueClusterService = {
    "cert-41.pd.infn.it:8443/cream-lsf-creamtest1",
    "cert-41.pd.infn.it:8443/cream-lsf-creamtest2",
    "cert-41.pd.infn.it:8443/cream-lsf-cert"
  };
  GlueCEPolicyMaxRunningJobs = 200;
  GlueCEInfoGatekeeperPort = 8443;
  GlueCEPolicyPreemption = 0;
  GlueCEPolicyMaxTotalJobs = 2147483647;
  GlueCEInfoLRMSVersion = "7 Update 6";
  GlueClusterUniqueID = "cert-41.pd.infn.it";
  GlueCEInfoTotalCPUs = 216;
  GlueClusterName = "cert-41.pd.infn.it";
  GlueCESEBindGroupSEUniqueID = "prod-se-01.pd.infn.it";
  GlueHostBenchmarkSI00 = 1286;
  GlueChunkKey = "GlueClusterUniqueID=cert-41.pd.infn.it";
  GlueCEInfoLRMSType = "lsf";
  GlueCEStateFreeCPUs = 0;
  GlueCEPolicyMaxSlotsPerJob = 72;
  GlueCEStateWorstResponseTime = 2146660842;
  GlueHostNetworkAdapterOutboundIP = true;
  GlueCEPolicyMaxWallClockTime = 999999999;
  GlueSubClusterName = "cert-41.pd.infn.it";

```

## EMI2CEMonTask34038SL6 < IGIRelease < TWiki

```

GlueCEImplementationName = "CREAM";
GlueHostMainMemoryVirtualSize = 4096;
GlueHostArchitectureSMPSize = 2;
GlueHostApplicationSoftwareRunTimeEnvironment = {
    "LCG-2",
    "LCG-2_1_0",
    "LCG-2_1_1",
    "LCG-2_2_0",
    "LCG-2_3_0",
    "LCG-2_3_1",
    "LCG-2_4_0",
    "LCG-2_5_0",
    "LCG-2_6_0",
    "LCG-2_7_0",
    "GLITE-3_0_0",
    "GLITE-3_1_0",
    "R-GMA",
    "PADOVA",
    "SI00MeanPerCPU_870",
    "SF00MeanPerCPU_790",
    "MPICH",
    "MPI_HOME_NOTSHARED"
};
GlueCEPolicyMaxWaitingJobs = 2147483647;
GlueCECapability = "CPUScalingReferenceSI00=10";
GlueHostArchitecturePlatformType = "itanium";
GlueCEImplementationVersion = "1.15.1";
GlueHostMainMemoryRAMSize = 2048;
GlueSubClusterLogicalCPUs = 2;
GlueForeignKey = {
    "GlueClusterUniqueID=cert-41.pd.infn.it",
    "GlueSiteUniqueID=CreamTest",
    "GlueCEUniqueID=cert-41.pd.infn.it:8443/cream-lsf-creamtest1",
    "GlueCEUniqueID=cert-41.pd.infn.it:8443/cream-lsf-creamtest2",
    "GlueCEUniqueID=cert-41.pd.infn.it:8443/cream-lsf-cert"
};
GlueCEInfoJobManager = "lsf";
GlueHostBenchmarkSF00 = 1496;
GlueHostProcessorOtherDescription = "Cores=9.75,Benchmark=9.04-HEP-SPEC06";
GlueHostOperatingSystemRelease = 4.6;
GlueCEPolicyMaxObtainableCPUTime = 999999999;
GlueCEUniqueID = "cert-41.pd.infn.it:8443/cream-lsf-cert";
GlueCEPolicyAssignedJobSlots = 216;
GlueCEInfoDataDir = "unset";
GlueCEPolicyMaxCPUTime = 999999999;
GlueHostOperatingSystemName = "ScientificCERNSLC";
GlueCEStateRunningJobs = 0;
GlueSubClusterUniqueID = "cert-41.pd.infn.it";
GlueSubClusterTmpDir = "/tmp";
GlueCEPolicyMaxObtainableWallClockTime = 999999999;
CloseStorageElements = {
    [
        GlueCESEBindSEUniqueID = "prod-se-01.pd.infn.it";
        GlueCESEBindCEAccesspoint = "n.a";
        GlueCESEBindMountInfo = "n.a";
        GlueCESEBindWeight = 0;
        GlueCESEBindCEUniqueID = "cert-41.pd.infn.it:8443/cream-lsf-cert";
        name = GlueCESEBindSEUniqueID;
        mount = GlueCESEBindCEAccesspoint
    ]
};
]

Event #0 - Message #1
[
    GlueCEInfoApplicationDir = "/opt/exp_soft";
    GlueHostProcessorModel = "XEON";

```

```

GlueCENAME = "creamtest1";
GlueCEHostingCluster = "cert-41.pd.infn.it";
GlueCEPolicyPriority = -100;
GlueHostProcessorVendor = "Intel";
GlueHostProcessorClockSpeed = 2800;
GlueCEStateFreeJobSlots = 216;
GlueSubClusterPhysicalCPUs = 2;
GlueCEStateEstimatedResponseTime = 2146660842;
GlueHostNetworkAdapterInboundIP = false;
GlueCEInfoDefaultSE = "prod-se-01.pd.infn.it";
GlueSubClusterWNTmpDir = "/tmp";
GlueCEStateStatus = "Production";
GlueCEInfoHostName = "cert-41.pd.infn.it";
GlueCEInfoContactString = "https://cert-41.pd.infn.it:8443/ce-cream/services";
GlueCEStateTotalJobs = 0;
GlueCESEBindGroupCEUniqueID = "cert-41.pd.infn.it:8443/cream-lsf-creamtest1";
GlueInformationServiceURL = {
    "ldap://cert-41.pd.infn.it:2170/mds-vo-name=resource",
    "ldap://cert-41.pd.infn.it:2170/mds-vo-name=resource",
    "ldap://cert-41.pd.infn.it:2170/mds-vo-name=resource"
};
GlueCEAccessControlBaseRule = {
    "VO:dteam"
};
GlueHostOperatingSystemVersion = "Beryllium";
GlueCEStateWaitingJobs = 0;
GlueClusterService = {
    "cert-41.pd.infn.it:8443/cream-lsf-creamtest1",
    "cert-41.pd.infn.it:8443/cream-lsf-creamtest2",
    "cert-41.pd.infn.it:8443/cream-lsf-cert"
};
GlueCEPolicyMaxRunningJobs = 200;
GlueCEInfoGatekeeperPort = 8443;
GlueCEPolicyPreemption = 0;
GlueCEPolicyMaxTotalJobs = 2147483647;
GlueCEInfoLRMSVersion = "7 Update 6";
GlueClusterUniqueID = "cert-41.pd.infn.it";
GlueCEInfoTotalCPUs = 216;
GlueClusterName = "cert-41.pd.infn.it";
GlueCESEBindGroupSEUniqueID = "prod-se-01.pd.infn.it";
GlueHostBenchmarkSI00 = 1286;
GlueChunkKey = "GlueClusterUniqueID=cert-41.pd.infn.it";
GlueCEInfoLRMSType = "lsf";
GlueCEStateFreeCPUs = 0;
GlueCEPolicyMaxSlotsPerJob = 72;
GlueCEStateWorstResponseTime = 2146660842;
GlueHostNetworkAdapterOutboundIP = true;
GlueCEPolicyMaxWallClockTime = 999999999;
GlueSubClusterName = "cert-41.pd.infn.it";
GlueCEImplementationName = "CREAM";
GlueHostMainMemoryVirtualSize = 4096;
GlueHostArchitectureSMPSize = 2;
GlueHostApplicationSoftwareRunTimeEnvironment = {
    "LCG-2",
    "LCG-2_1_0",
    "LCG-2_1_1",
    "LCG-2_2_0",
    "LCG-2_3_0",
    "LCG-2_3_1",
    "LCG-2_4_0",
    "LCG-2_5_0",
    "LCG-2_6_0",
    "LCG-2_7_0",
    "GLITE-3_0_0",
    "GLITE-3_1_0",
    "R-GMA",
    "PADOVA",

```

```

    "SI00MeanPerCPU_870",
    "SF00MeanPerCPU_790",
    "MPICH",
    "MPI_HOME_NOTSHARED"
};
GlueCEPolicyMaxWaitingJobs = 2147483647;
GlueCECapability = "CPUScalingReferenceSI00=10";
GlueHostArchitecturePlatformType = "itanium";
GlueCEImplementationVersion = "1.15.1";
GlueHostMainMemoryRAMSize = 2048;
GlueSubClusterLogicalCPUs = 2;
GlueForeignKey = {
    "GlueClusterUniqueID=cert-41.pd.infn.it",
    "GlueSiteUniqueID=CreamTest",
    "GlueCEUniqueID=cert-41.pd.infn.it:8443/cream-lsf-creamtest1",
    "GlueCEUniqueID=cert-41.pd.infn.it:8443/cream-lsf-creamtest2",
    "GlueCEUniqueID=cert-41.pd.infn.it:8443/cream-lsf-cert"
};
GlueCEInfoJobManager = "lsf";
GlueHostBenchmarkSF00 = 1496;
GlueHostProcessorOtherDescription = "Cores=9.75,Benchmark=9.04-HEP-SPEC06";
GlueHostOperatingSystemRelease = 4.6;
GlueCEPolicyMaxObtainableCPUTime = 999999999;
GlueCEUniqueID = "cert-41.pd.infn.it:8443/cream-lsf-creamtest1";
GlueCEPolicyAssignedJobSlots = 216;
GlueCEInfoDataDir = "unset";
GlueCEPolicyMaxCPUTime = 999999999;
GlueHostOperatingSystemName = "ScientificCERNSLC";
GlueCEStateRunningJobs = 0;
GlueSubClusterUniqueID = "cert-41.pd.infn.it";
GlueSubClusterTmpDir = "/tmp";
GlueCEPolicyMaxObtainableWallClockTime = 999999999;
CloseStorageElements = {
    [
        GlueCESEBindSEUniqueID = "prod-se-01.pd.infn.it";
        GlueCESEBindCEAccesspoint = "n.a";
        GlueCESEBindMountInfo = "n.a";
        GlueCESEBindWeight = 0;
        GlueCESEBindCEUniqueID = "cert-41.pd.infn.it:8443/cream-lsf-creamtest1";
        name = GlueCESEBindSEUniqueID;
        mount = GlueCESEBindCEAccesspoint
    ]
};
]

```

Event #0 - Message #2

```

[
    GlueCEInfoApplicationDir = "/opt/exp_soft";
    GlueHostProcessorModel = "XEON";
    GlueCENAME = "creamtest2";
    GlueCEHostingCluster = "cert-41.pd.infn.it";
    GlueCEPolicyPriority = -100;
    GlueHostProcessorVendor = "Intel";
    GlueHostProcessorClockSpeed = 2800;
    GlueCEStateFreeJobSlots = 216;
    GlueSubClusterPhysicalCPUs = 2;
    GlueCEStateEstimatedResponseTime = 2146660842;
    GlueHostNetworkAdapterInboundIP = false;
    GlueCEInfoDefaultSE = "prod-se-01.pd.infn.it";
    GlueSubClusterWNTmpDir = "/tmp";
    GlueCEStateStatus = "Production";
    GlueCEInfoHostName = "cert-41.pd.infn.it";
    GlueCEInfoContactString = "https://cert-41.pd.infn.it:8443/ce-cream/services";
    GlueCEStateTotalJobs = 0;
    GlueCESEBindGroupCEUniqueID = "cert-41.pd.infn.it:8443/cream-lsf-creamtest2";
    GlueInformationServiceURL = {
        "ldap://cert-41.pd.infn.it:2170/mds-vo-name=resource",
    }
]

```

```

    "ldap://cert-41.pd.infn.it:2170/mds-vo-name=resource",
    "ldap://cert-41.pd.infn.it:2170/mds-vo-name=resource"
};
GlueCEAccessControlBaseRule = {
    "VO:dteam"
};
GlueHostOperatingSystemVersion = "Beryllium";
GlueCEStateWaitingJobs = 0;
GlueClusterService = {
    "cert-41.pd.infn.it:8443/cream-lsf-creamtest1",
    "cert-41.pd.infn.it:8443/cream-lsf-creamtest2",
    "cert-41.pd.infn.it:8443/cream-lsf-cert"
};
GlueCEPolicyMaxRunningJobs = 200;
GlueCEInfoGatekeeperPort = 8443;
GlueCEPolicyPreemption = 0;
GlueCEPolicyMaxTotalJobs = 2147483647;
GlueCEInfoLRMSVersion = "7 Update 6";
GlueClusterUniqueID = "cert-41.pd.infn.it";
GlueCEInfoTotalCPUs = 216;
GlueClusterName = "cert-41.pd.infn.it";
GlueCESEBindGroupSEUniqueID = "prod-se-01.pd.infn.it";
GlueHostBenchmarkSI00 = 1286;
GlueChunkKey = "GlueClusterUniqueID=cert-41.pd.infn.it";
GlueCEInfoLRMSType = "lsf";
GlueCEStateFreeCPUs = 0;
GlueCEPolicyMaxSlotsPerJob = 72;
GlueCEStateWorstResponseTime = 2146660842;
GlueHostNetworkAdapterOutboundIP = true;
GlueCEPolicyMaxWallClockTime = 999999999;
GlueSubClusterName = "cert-41.pd.infn.it";
GlueCEImplementationName = "CREAM";
GlueHostMainMemoryVirtualSize = 4096;
GlueHostArchitectureSMPSize = 2;
GlueHostApplicationSoftwareRunTimeEnvironment = {
    "LCG-2",
    "LCG-2_1_0",
    "LCG-2_1_1",
    "LCG-2_2_0",
    "LCG-2_3_0",
    "LCG-2_3_1",
    "LCG-2_4_0",
    "LCG-2_5_0",
    "LCG-2_6_0",
    "LCG-2_7_0",
    "GLITE-3_0_0",
    "GLITE-3_1_0",
    "R-GMA",
    "PADOVA",
    "SI00MeanPerCPU_870",
    "SF00MeanPerCPU_790",
    "MPICH",
    "MPI_HOME_NOTSHARED"
};
GlueCEPolicyMaxWaitingJobs = 2147483647;
GlueCECapability = "CPUScalingReferenceSI00=10";
GlueHostArchitecturePlatformType = "itanium";
GlueCEImplementationVersion = "1.15.1";
GlueHostMainMemoryRAMSize = 2048;
GlueSubClusterLogicalCPUs = 2;
GlueForeignKey = {
    "GlueClusterUniqueID=cert-41.pd.infn.it",
    "GlueSiteUniqueID=CreamTest",
    "GlueCEUniqueID=cert-41.pd.infn.it:8443/cream-lsf-creamtest1",
    "GlueCEUniqueID=cert-41.pd.infn.it:8443/cream-lsf-creamtest2",
    "GlueCEUniqueID=cert-41.pd.infn.it:8443/cream-lsf-cert"
};
};

```

## EMI2CEMonTask34038SL6 < IGIRelease < TWiki

```
GlueCEInfoJobManager = "lsf";
GlueHostBenchmarkSF00 = 1496;
GlueHostProcessorOtherDescription = "Cores=9.75,Benchmark=9.04-HEP-SPEC06";
GlueHostOperatingSystemRelease = 4.6;
GlueCEPolicyMaxObtainableCPUTime = 999999999;
GlueCEUniqueID = "cert-41.pd.infn.it:8443/cream-lsf-creamtest2";
GlueCEPolicyAssignedJobSlots = 216;
GlueCEInfoDataDir = "unset";
GlueCEPolicyMaxCPUTime = 999999999;
GlueHostOperatingSystemName = "ScientificCERNSLC";
GlueCEStateRunningJobs = 0;
GlueSubClusterUniqueID = "cert-41.pd.infn.it";
GlueSubClusterTmpDir = "/tmp";
GlueCEPolicyMaxObtainableWallClockTime = 999999999;
CloseStorageElements = {
  [
    GlueCESEBindSEUniqueID = "prod-se-01.pd.infn.it";
    GlueCESEBindCEAccesspoint = "n.a";
    GlueCESEBindMountInfo = "n.a";
    GlueCESEBindWeight = 0;
    GlueCESEBindCEUniqueID = "cert-41.pd.infn.it:8443/cream-lsf-creamtest2";
    name = GlueCESEBindSEUniqueID;
    mount = GlueCESEBindCEAccesspoint
  ]
};
]
```

Accepting connection ...

### Subscription without authentication test - PASSED

Created a subscription towards a non secure client:

```
$ glite-ce-monitor-subscribe --key /tmp/x509up_u3812 --cert /tmp/x509up_u3812 --topic CE_MONITOR
SubscriptionID=[uuid-1364335993789]
```

Started this non authenticated consumer and verifies that it receives messages:

```
$ glite-ce-monitor-consumer 9999
```

#### Command LOG Hide Command LOG

Socket connection successful on port 9999 master socket 3Accepting connection ...

Wed Mar 27 23:15:32 2013

- 1: accepted connection from IP=193.206.210.143 (cert-41.pd.infn.it)

Event Producer=CE Sensor

Event ID =-1

Topic [CE\_MONITOR]

Dialect [ISM\_CLASSAD\_GLUE\_1.2]

>>> Event #0 - Dumping messages:

Event #0 - Message #0

```
[
  GlueCEInfoApplicationDir = "/opt/exp_soft";
  GlueHostProcessorModel = "XEON";
  GlueCEName = "cert";
  GlueCEHostingCluster = "cert-41.pd.infn.it";
  GlueCEPolicyPriority = -100;
  GlueHostProcessorVendor = "Intel";
  GlueHostProcessorClockSpeed = 2800;
  GlueCEStateFreeJobSlots = 216;
  GlueSubClusterPhysicalCPUs = 2;
  GlueCEStateEstimatedResponseTime = 2146660842;
```

Subscription without authentication test - PASSED



## EMI2CEMonTask34038SL6 < IGIRelease < TWiki

```

GlueHostNetworkAdapterInboundIP = false;
GlueCEInfoDefaultSE = "prod-se-01.pd.infn.it";
GlueSubClusterWNTmpDir = "/tmp";
GlueCEStateStatus = "Production";
GlueCEInfoHostName = "cert-41.pd.infn.it";
GlueCEInfoContactString = "https://cert-41.pd.infn.it:8443/ce-cream/services";
GlueCEStateTotalJobs = 0;
GlueCESEBindGroupCEUniqueID = "cert-41.pd.infn.it:8443/cream-lsf-cert";
GlueInformationServiceURL = {
    "ldap://cert-41.pd.infn.it:2170/mds-vo-name=resource",
    "ldap://cert-41.pd.infn.it:2170/mds-vo-name=resource",
    "ldap://cert-41.pd.infn.it:2170/mds-vo-name=resource"
};
GlueCEAccessControlBaseRule = {
    "VOMS:/dteam/Role=pilot",
    "VO:dteam",
    "VOMS:/dteam/Role=lcgadmin",
    "VOMS:/dteam/Role=production"
};
GlueHostOperatingSystemVersion = "Beryllium";
GlueCEStateWaitingJobs = 0;
GlueClusterService = {
    "cert-41.pd.infn.it:8443/cream-lsf-creamtest1",
    "cert-41.pd.infn.it:8443/cream-lsf-creamtest2",
    "cert-41.pd.infn.it:8443/cream-lsf-cert"
};
GlueCEPolicyMaxRunningJobs = 200;
GlueCEInfoGatekeeperPort = 8443;
GlueCEPolicyPreemption = 0;
GlueCEPolicyMaxTotalJobs = 2147483647;
GlueCEInfoLRMSVersion = "7 Update 6";
GlueClusterUniqueID = "cert-41.pd.infn.it";
GlueCEInfoTotalCPUs = 216;
GlueClusterName = "cert-41.pd.infn.it";
GlueCESEBindGroupSEUniqueID = "prod-se-01.pd.infn.it";
GlueHostBenchmarkSI00 = 1286;
GlueChunkKey = "GlueClusterUniqueID=cert-41.pd.infn.it";
GlueCEInfoLRMSType = "lsf";
GlueCEStateFreeCPUs = 0;
GlueCEPolicyMaxSlotsPerJob = 72;
GlueCEStateWorstResponseTime = 2146660842;
GlueHostNetworkAdapterOutboundIP = true;
GlueCEPolicyMaxWallClockTime = 999999999;
GlueSubClusterName = "cert-41.pd.infn.it";
GlueCEImplementationName = "CREAM";
GlueHostMainMemoryVirtualSize = 4096;
GlueHostArchitectureSMPSize = 2;
GlueHostApplicationSoftwareRunTimeEnvironment = {
    "LCG-2",
    "LCG-2_1_0",
    "LCG-2_1_1",
    "LCG-2_2_0",
    "LCG-2_3_0",
    "LCG-2_3_1",
    "LCG-2_4_0",
    "LCG-2_5_0",
    "LCG-2_6_0",
    "LCG-2_7_0",
    "GLITE-3_0_0",
    "GLITE-3_1_0",
    "R-GMA",
    "PADOVA",
    "SI00MeanPerCPU_870",
    "SF00MeanPerCPU_790",
    "MPICH",
    "MPI_HOME_NOTSHARED"
};

```

## EMI2CEMonTask34038SL6 < IGIRelease < TWiki

```

GlueCEPolicyMaxWaitingJobs = 2147483647;
GlueCECapability = "CPUScalingReferenceSI00=10";
GlueHostArchitecturePlatformType = "itanium";
GlueCEImplementationVersion = "1.15.1";
GlueHostMainMemoryRAMSize = 2048;
GlueSubClusterLogicalCPUs = 2;
GlueForeignKey = {
    "GlueClusterUniqueID=cert-41.pd.infn.it",
    "GlueSiteUniqueID=CreamTest",
    "GlueCEUniqueID=cert-41.pd.infn.it:8443/cream-lsf-creamtest1",
    "GlueCEUniqueID=cert-41.pd.infn.it:8443/cream-lsf-creamtest2",
    "GlueCEUniqueID=cert-41.pd.infn.it:8443/cream-lsf-cert"
};
GlueCEInfoJobManager = "lsf";
GlueHostBenchmarkSF00 = 1496;
GlueHostProcessorOtherDescription = "Cores=9.75,Benchmark=9.04-HEP-SPEC06";
GlueHostOperatingSystemRelease = 4.6;
GlueCEPolicyMaxObtainableCPUTime = 999999999;
GlueCEUniqueID = "cert-41.pd.infn.it:8443/cream-lsf-cert";
GlueCEPolicyAssignedJobSlots = 216;
GlueCEInfoDataDir = "unset";
GlueCEPolicyMaxCPUTime = 999999999;
GlueHostOperatingSystemName = "ScientificCERNSLC";
GlueCEStateRunningJobs = 0;
GlueSubClusterUniqueID = "cert-41.pd.infn.it";
GlueSubClusterTmpDir = "/tmp";
GlueCEPolicyMaxObtainableWallClockTime = 999999999;
CloseStorageElements = {
    [
        GlueCESEBindSEUniqueID = "prod-se-01.pd.infn.it";
        GlueCESEBindCEAccesspoint = "n.a";
        GlueCESEBindMountInfo = "n.a";
        GlueCESEBindWeight = 0;
        GlueCESEBindCEUniqueID = "cert-41.pd.infn.it:8443/cream-lsf-cert";
        name = GlueCESEBindSEUniqueID;
        mount = GlueCESEBindCEAccesspoint
    ]
};
]

```

Event #0 - Message #1

```

[
    GlueCEInfoApplicationDir = "/opt/exp_soft";
    GlueHostProcessorModel = "XEON";
    GlueCEName = "creamtest1";
    GlueCEHostingCluster = "cert-41.pd.infn.it";
    GlueCEPolicyPriority = -100;
    GlueHostProcessorVendor = "Intel";
    GlueHostProcessorClockSpeed = 2800;
    GlueCEStateFreeJobSlots = 216;
    GlueSubClusterPhysicalCPUs = 2;
    GlueCEStateEstimatedResponseTime = 2146660842;
    GlueHostNetworkAdapterInboundIP = false;
    GlueCEInfoDefaultSE = "prod-se-01.pd.infn.it";
    GlueSubClusterWNTmpDir = "/tmp";
    GlueCEStateStatus = "Production";
    GlueCEInfoHostName = "cert-41.pd.infn.it";
    GlueCEInfoContactString = "https://cert-41.pd.infn.it:8443/ce-cream/services";
    GlueCEStateTotalJobs = 0;
    GlueCESEBindGroupCEUniqueID = "cert-41.pd.infn.it:8443/cream-lsf-creamtest1";
    GlueInformationServiceURL = {
        "ldap://cert-41.pd.infn.it:2170/mds-vo-name=resource",
        "ldap://cert-41.pd.infn.it:2170/mds-vo-name=resource",
        "ldap://cert-41.pd.infn.it:2170/mds-vo-name=resource"
    };
    GlueCEAccessControlBaseRule = {
        "VO:dteam"
    }
]

```

```

};
GlueHostOperatingSystemVersion = "Beryllium";
GlueCEStateWaitingJobs = 0;
GlueClusterService = {
    "cert-41.pd.infn.it:8443/cream-lsf-creamtest1",
    "cert-41.pd.infn.it:8443/cream-lsf-creamtest2",
    "cert-41.pd.infn.it:8443/cream-lsf-cert"
};
GlueCEPolicyMaxRunningJobs = 200;
GlueCEInfoGatekeeperPort = 8443;
GlueCEPolicyPreemption = 0;
GlueCEPolicyMaxTotalJobs = 2147483647;
GlueCEInfoLRMSVersion = "7 Update 6";
GlueClusterUniqueID = "cert-41.pd.infn.it";
GlueCEInfoTotalCPUs = 216;
GlueClusterName = "cert-41.pd.infn.it";
GlueCESEBindGroupSEUniqueID = "prod-se-01.pd.infn.it";
GlueHostBenchmarkSI00 = 1286;
GlueChunkKey = "GlueClusterUniqueID=cert-41.pd.infn.it";
GlueCEInfoLRMSType = "lsf";
GlueCEStateFreeCPUs = 0;
GlueCEPolicyMaxSlotsPerJob = 72;
GlueCEStateWorstResponseTime = 2146660842;
GlueHostNetworkAdapterOutboundIP = true;
GlueCEPolicyMaxWallClockTime = 999999999;
GlueSubClusterName = "cert-41.pd.infn.it";
GlueCEImplementationName = "CREAM";
GlueHostMainMemoryVirtualSize = 4096;
GlueHostArchitectureSMPSize = 2;
GlueHostApplicationSoftwareRunTimeEnvironment = {
    "LCG-2",
    "LCG-2_1_0",
    "LCG-2_1_1",
    "LCG-2_2_0",
    "LCG-2_3_0",
    "LCG-2_3_1",
    "LCG-2_4_0",
    "LCG-2_5_0",
    "LCG-2_6_0",
    "LCG-2_7_0",
    "GLITE-3_0_0",
    "GLITE-3_1_0",
    "R-GMA",
    "PADOVA",
    "SI00MeanPerCPU_870",
    "SF00MeanPerCPU_790",
    "MPICH",
    "MPI_HOME_NOTSHARED"
};
GlueCEPolicyMaxWaitingJobs = 2147483647;
GlueCECapability = "CPUScalingReferenceSI00=10";
GlueHostArchitecturePlatformType = "itanium";
GlueCEImplementationVersion = "1.15.1";
GlueHostMainMemoryRAMSize = 2048;
GlueSubClusterLogicalCPUs = 2;
GlueForeignKey = {
    "GlueClusterUniqueID=cert-41.pd.infn.it",
    "GlueSiteUniqueID=CreamTest",
    "GlueCEUniqueID=cert-41.pd.infn.it:8443/cream-lsf-creamtest1",
    "GlueCEUniqueID=cert-41.pd.infn.it:8443/cream-lsf-creamtest2",
    "GlueCEUniqueID=cert-41.pd.infn.it:8443/cream-lsf-cert"
};
GlueCEInfoJobManager = "lsf";
GlueHostBenchmarkSF00 = 1496;
GlueHostProcessorOtherDescription = "Cores=9.75,Benchmark=9.04-HEP-SPEC06";
GlueHostOperatingSystemRelease = 4.6;
GlueCEPolicyMaxObtainableCPUTime = 999999999;

```

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```

GlueCEUniqueID = "cert-41.pd.infn.it:8443/cream-lsf-creamtest1";
GlueCEPolicyAssignedJobSlots = 216;
GlueCEInfoDataDir = "unset";
GlueCEPolicyMaxCPUTime = 999999999;
GlueHostOperatingSystemName = "ScientificCERNSLC";
GlueCEStateRunningJobs = 0;
GlueSubClusterUniqueID = "cert-41.pd.infn.it";
GlueSubClusterTmpDir = "/tmp";
GlueCEPolicyMaxObtainableWallClockTime = 999999999;
CloseStorageElements = {
  [
    GlueCESEBindSEUniqueID = "prod-se-01.pd.infn.it";
    GlueCESEBindCEAccesspoint = "n.a";
    GlueCESEBindMountInfo = "n.a";
    GlueCESEBindWeight = 0;
    GlueCESEBindCEUniqueID = "cert-41.pd.infn.it:8443/cream-lsf-creamtest1";
    name = GlueCESEBindSEUniqueID;
    mount = GlueCESEBindCEAccesspoint
  ]
};
]

```

Event #0 - Message #2

```

[
  GlueCEInfoApplicationDir = "/opt/exp_soft";
  GlueHostProcessorModel = "XEON";
  GlueCEName = "creamtest2";
  GlueCEHostingCluster = "cert-41.pd.infn.it";
  GlueCEPolicyPriority = -100;
  GlueHostProcessorVendor = "Intel";
  GlueHostProcessorClockSpeed = 2800;
  GlueCEStateFreeJobSlots = 216;
  GlueSubClusterPhysicalCPUs = 2;
  GlueCEStateEstimatedResponseTime = 2146660842;
  GlueHostNetworkAdapterInboundIP = false;
  GlueCEInfoDefaultSE = "prod-se-01.pd.infn.it";
  GlueSubClusterWNTmpDir = "/tmp";
  GlueCEStateStatus = "Production";
  GlueCEInfoHostName = "cert-41.pd.infn.it";
  GlueCEInfoContactString = "https://cert-41.pd.infn.it:8443/ce-cream/services";
  GlueCEStateTotalJobs = 0;
  GlueCESEBindGroupCEUniqueID = "cert-41.pd.infn.it:8443/cream-lsf-creamtest2";
  GlueInformationServiceURL = {
    "ldap://cert-41.pd.infn.it:2170/mds-vo-name=resource",
    "ldap://cert-41.pd.infn.it:2170/mds-vo-name=resource",
    "ldap://cert-41.pd.infn.it:2170/mds-vo-name=resource"
  };
  GlueCEAccessControlBaseRule = {
    "VO:dteam"
  };
  GlueHostOperatingSystemVersion = "Beryllium";
  GlueCEStateWaitingJobs = 0;
  GlueClusterService = {
    "cert-41.pd.infn.it:8443/cream-lsf-creamtest1",
    "cert-41.pd.infn.it:8443/cream-lsf-creamtest2",
    "cert-41.pd.infn.it:8443/cream-lsf-cert"
  };
  GlueCEPolicyMaxRunningJobs = 200;
  GlueCEInfoGatekeeperPort = 8443;
  GlueCEPolicyPreemption = 0;
  GlueCEPolicyMaxTotalJobs = 2147483647;
  GlueCEInfoLRMSVersion = "7 Update 6";
  GlueClusterUniqueID = "cert-41.pd.infn.it";
  GlueCEInfoTotalCPUs = 216;
  GlueClusterName = "cert-41.pd.infn.it";
  GlueCESEBindGroupSEUniqueID = "prod-se-01.pd.infn.it";
  GlueHostBenchmarkSI00 = 1286;

```

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```

GlueChunkKey = "GlueClusterUniqueID=cert-41.pd.infn.it";
GlueCEInfoLRMSType = "lsf";
GlueCEStateFreeCPUs = 0;
GlueCEPolicyMaxSlotsPerJob = 72;
GlueCEStateWorstResponseTime = 2146660842;
GlueHostNetworkAdapterOutboundIP = true;
GlueCEPolicyMaxWallClockTime = 999999999;
GlueSubClusterName = "cert-41.pd.infn.it";
GlueCEImplementationName = "CREAM";
GlueHostMainMemoryVirtualSize = 4096;
GlueHostArchitectureSMPSize = 2;
GlueHostApplicationSoftwareRunTimeEnvironment = {
    "LCG-2",
    "LCG-2_1_0",
    "LCG-2_1_1",
    "LCG-2_2_0",
    "LCG-2_3_0",
    "LCG-2_3_1",
    "LCG-2_4_0",
    "LCG-2_5_0",
    "LCG-2_6_0",
    "LCG-2_7_0",
    "GLITE-3_0_0",
    "GLITE-3_1_0",
    "R-GMA",
    "PADOVA",
    "SI00MeanPerCPU_870",
    "SF00MeanPerCPU_790",
    "MPICH",
    "MPI_HOME_NOTSHARED"
};
GlueCEPolicyMaxWaitingJobs = 2147483647;
GlueCECapability = "CPUScalingReferenceSI00=10";
GlueHostArchitecturePlatformType = "itanium";
GlueCEImplementationVersion = "1.15.1";
GlueHostMainMemoryRAMSize = 2048;
GlueSubClusterLogicalCPUs = 2;
GlueForeignKey = {
    "GlueClusterUniqueID=cert-41.pd.infn.it",
    "GlueSiteUniqueID=CreamTest",
    "GlueCEUniqueID=cert-41.pd.infn.it:8443/cream-lsf-creamtest1",
    "GlueCEUniqueID=cert-41.pd.infn.it:8443/cream-lsf-creamtest2",
    "GlueCEUniqueID=cert-41.pd.infn.it:8443/cream-lsf-cert"
};
GlueCEInfoJobManager = "lsf";
GlueHostBenchmarkSF00 = 1496;
GlueHostProcessorOtherDescription = "Cores=9.75,Benchmark=9.04-HEP-SPEC06";
GlueHostOperatingSystemRelease = 4.6;
GlueCEPolicyMaxObtainableCPUTime = 999999999;
GlueCEUniqueID = "cert-41.pd.infn.it:8443/cream-lsf-creamtest2";
GlueCEPolicyAssignedJobSlots = 216;
GlueCEInfoDataDir = "unset";
GlueCEPolicyMaxCPUTime = 999999999;
GlueHostOperatingSystemName = "ScientificCERNSLC";
GlueCEStateRunningJobs = 0;
GlueSubClusterUniqueID = "cert-41.pd.infn.it";
GlueSubClusterTmpDir = "/tmp";
GlueCEPolicyMaxObtainableWallClockTime = 999999999;
CloseStorageElements = {
    [
        GlueCESEBindSEUniqueID = "prod-se-01.pd.infn.it";
        GlueCESEBindCEAccesspoint = "n.a";
        GlueCESEBindMountInfo = "n.a";
        GlueCESEBindWeight = 0;
        GlueCESEBindCEUniqueID = "cert-41.pd.infn.it:8443/cream-lsf-creamtest2";
        name = GlueCESEBindSEUniqueID;
        mount = GlueCESEBindCEAccesspoint
    ]
}

```

```
]
  };
]
```

Accepting connection ...

## Unsubscription test - PASSED

Cancelled a previously created subscription and verified that the consumer doesn't receive anymore messages:

```
$ glite-ce-monitor-unsubscribe --key /tmp/x509up_u3812 --cert /tmp/x509up_u3812 --id uuid-1364335
$ glite-ce-monitor-consumer 9999Socket connection successful on port 9999 master socket 3
Accepting connection ...
```

---

This topic: IGIRelease > EMI2CEMonTask34038SL6

Topic revision: r6 - 2013-03-27 - CristinaAiftimiei



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